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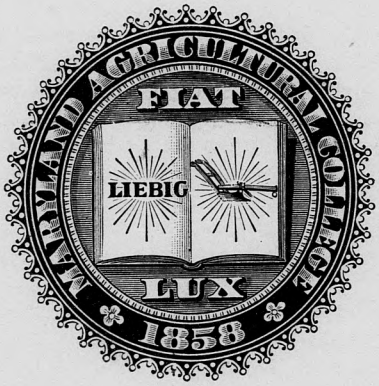

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

COMMERCIAL FERTILIZERS SOLD IN MARYLAND

BY THE CHEMICAL DEPARTMENT OF THE

MARYLAND AGRICULTURAL COLLEGE.

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from February, 1899, to July 1899, inclusive, the most of the samples were collected during March and April.

The figures in the columns headed "Ammonia," "Potash" and "Phosphate Acid" are percentages or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory, and will be found on all the records and reports. In writing to the Chemical Department in regard to analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing up of the numbers.

The "comparative value found" and the "comparative value guaranteed" are calculated, the former from the analysis found, the latter from the analysis guaranteed on the bags, using the following schedule.

In Mixed Fertilizer:	
For Nitrogen, calculated as Ammonia	15 cts. per pound.
" Potash (K_2O), in forms free from muriate	6 " " "
" Potash (K_2O), as muriate	5 " " "
" Available Phosphoric Acid	5 " " "
" Insoluble Phosphoric Acid	2 " " "
" " " " when from S. C. Rock	1 " " "
In Dissolved S. C. Rock:	
Available Phosphoric Acid	4 " " "

* Leave of Absence for one year from August 1, 1899.

In Ground Bone:

For Nitrogen, calculated as Ammonia, in "Fine" Bone	14	cts. per pound.
" Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	12	" " "
" Nitrogen, calculated as Ammonia, in "Medium" Bone	10	" " "
" Nitrogen, calculated as Ammonia, in "Coarse" Bone	8	" " "
" Phosphoric Acid in "Fine" Bone	5	" "
" " " " "Fine Medium" Bone	4	" " "
" " " " "Medium" "	3	" "
" " " " "Coarse" "	2	" "

In Tankage and Ground Fish:

For Nitrogen, calculated as Ammonia	12	" " "
" Phosphoric Acid	3	" " "

In using the above schedule *all fertilizers containing less than 1 per cent. of ammonia will be given the rock valuation of 4 cents per pound on the available phosphoric acid.*

The "comparative values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use; this varies considerably, depending on the market prices of the ingredients, freight, commissions, size of order, cash or credit, &c.

Ground bones are put in a separate table, following the table of other fertilizers. Both the chemical and mechanical analysis is given. The mechanical analysis shows the fineness of the bone, and is determined by sifting through a series of sieves with circular perforations (instead of the usual wire) as follows:

Bone passing through 1-50 inch is "Fine."

Between 1-50 and 1-25 inch is "Fine-Medium."

Between 1-25 and 1-12 inch is "Medium."

All which will not pass the 1-12 inch is "Coarse."

Each grade is given its own valuation on both phosphoric acid and ammonia; the chemical composition of each grade being assumed to be uniform.

Guarantees should be as simple as possible. In Dissolved S. C. Rock (phosphate rock from other States is also used for making phosphate) or acid phosphate, all that is needed is the available phos. acid, which should not be less than 14 per cent.

In mixtures of Acid Phosphate and Kainit or other Potash Salt, the per cent. of Potash should be added, making the essential guaranteed analysis as follows:

Available phosphoric acid.....
Potash.....

In complete fertilizers the ammonia or nitrogen is added, giving:

Available phosphoric acid.....
Potash.....
Ammonia.....

Insoluble Phos. Acid may be added. The "Total" is simply the sum of the available and insoluble. (The "available" is the sum of the "soluble" and "reverted" phos. acid").

The guaranteed analysis of ground bone should mention only the total phos. acid and ammonia (or nitrogen).

"Bone Phosphate" is simply the phos. acid multiplied by 2 1-5 and given over again in that form.

It is unlawful to print a maximum guarantee on fertilizers in Maryland. The fine for doing so is $100 for the first offense.

Never buy Fertilizer without a Guaranteed Analysis.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5893	Alexandria Fert. & Chem. Co., Alexandria, Va.	Alkaline Bone	Hancock
5858*	" " " "	Ammoniated Dissolved Bone.	Kensington
5892	" " " "	Dissolved S. C. Rock	Hancock
5651	Armour Fertilizing Co. Chicago, Ill.	All Soluble	Baltimore
5683	" " "	Fruit and Root	Baltimore
5565	" " "	Grain Grower	Greensboro
5637	" " "	Wheat Special	Baltimore
5643	Baltimore Guano Co., Baltimore, Md.	Baltimore W. G. Special.	Baltimore
5642	" " "	B. G. Potato Fertilizer	Baltimore
5652	" " "	Caroline Mixture	Baltimore
5763	" " "	Fish Guano	Benton
5641	" " "	Salvador Guano	Baltimore
5802	Baltimore Pulverizing Co., Baltimore, Md.	Dissolved S. C. Bone	Conowingo
5855	" " "	Farmers Favorite Fertz.	Germantown
5801	" " "	Pennimans Excelsior	Conowingo
5854	" " "	Pennimans Special Guano No 1.	Germantown
5856	" " "	Pennimans Tob. Grower.	Germantown
5852	" " "	Special Potato Mixture S. P. M.	Germantown
5804	" " "	Truckers Choice	Conowingo
5697	Baltimore Seed and Implement Co., Baltimore, Md.	Ammon. Soluble Bone	Baltimore
5698	" " "	Special Potato Fertz	Baltimore
5636	" " "	Standard Bond Phosphate	Baltimore
5612	Baugh & Sons Co., Baltimore, Md.*	Animal Bone and Potash Compound for all Crops.	Baltimore

*These firms have one or more analyses of Ground Bone on a later page.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5893	....	.....	1.94	2½	1.04	10.81	10	11.85	.....	10.80	10.80
5858	2.21	2	1.46	2	1.16	9.35	8	10.51	.....	17.90	16.60
5892	.....	.....	.....	.....	.53	14.27	14	14.80	.....	11.42	11.20
5651	3.26	3½	†5.06	4	3.05	8.07	8	11.12	10	24.74	23.50
5683	2.88	2	6.32	5	5.69	8.34	8	14.03	10	25.57	19.80
5565	2.51	2	3.04	2	8.15	8.20	8	16.35	.....	22.03	16.80
5637	1.40	1	1.69	1	4.98	8.40	8	13.38	10	16.41	12.00
5643	1.18	1	2.69	2	2.35	8.22	9	10.57	11	15.39	14.00
5642	2.32	2½	3.76	3	2.49	8.36	9	10.85	11	20.07	19.50
5652	1.23	1	1.20	2	2.75	7.16	8	9.91	9	13.15	13.40
5763	2.59	2	3.10	2	3 65	7.10	8	10.75	.....	19.43	16.00
5641	1.20	1	2.01	2	2.65	4.58	5	7.23	.....	11.25	12.40
5802	.....	.....	.....	.....	1.71	14.63	14	16.34	.....	11.70	11.20
5855	1.23	1	2.84	3¼	.90	5.20	5¼	6.10	.....	12.09	11.50
5801	....	.....	2.51	5	1.44	10.66	10	12.10	.....	11.33	13.00
5854	1.01	1	1.30	1	1.90	8.04	8	9.94	.....	13.13	12.00
5856	2.29	2¼	2.99	2¼	1.10	7.39	9	8.49	.....	17.69	18.00
5852	2.00	2	3.59	4	1.95	5.69	5½	6.64	.....	16.06	15.50
5804	2.53	3	2.07	3	1.80	7.60	8	9.40	.....	17.98	20.00
5697	1.13	1	1.90	1½	1.11	8.09	7	9.20	8	13.82	11.90
5698	1.88	1½	4.27	4½	1.86	6.37	6½	8.23	.....	17.02	15.90
5636	2.14	2	2.53	2	1.71	9.42	9	11.13	.....	19.05	17.40
5612	2.14	2	2.81	2	2.06	9.06	8	11.12	10½	19.11	17.00

†The dagger in this column indicates that the Potash is mostly in the form of Sulfate. In the next column, that it is *guaranteed* to be in that form.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5790	Baugh & Sons Co., Balto.	Corn Fertilizer for Sugar Corn & Garden Truck.	Lapidum.....
5675	" " "	Dissolved Animal Bone Warranted Pure.	Baltimore.....
5724	" " "	Double Eagle Phosphate.	Baltimore.....
5635	" " "	Export Bone with Potash.	Baltimore.....
5676	" " "	Fine Ground Fish.	Baltimore.....
5696	" " "	Fish Mixture.	Baltimore.....
5624	" " "	General Crop Grower. for all Crops.	Baltimore.....
5699	" " "	Genuine Lobos Peruvian Guano.	Baltimore.....
5630	" " "	H. G. Acid Phosphate.	Beltsville.....
5692	" " "	H. G. Acid Phosphate or Dissolved S. C. Rock.	Baltimore.....
5608	" " "	H. G. Potato Guano a Substitute for Peruvian.	Baltimore.....
5629	" " "	H. G. Potato Guano.	Beltsville.....
5767	" " "	Old Stand By Raw Bone Super Phosphate.	Jessups.....
5716	" " "	No. 1 Peruvian Guano.	Baltimore.....
5609	" " "	Potato Fertilizer.	Baltimore.....
5661	" " "	7 Per Cent Potato Fertilizer	Baltimore.....
5821	" " "	P. Dissolved Animal Bones Warranted Pure.	Joppa.....
5729	" " "	Soluble Alkaline Super Phosphate.	Baltimore.....
5796	" " "	Special Potato Manure.	Colora.....
5628	" " "	Sweet Potato Guano.	Beltsville.....
5610	" " "	Tomato Compound.	Baltimore.....
5715	" " "	Vegetable Compound.	Baltimore.....
5756	Beck, Walker & Brown,	Corn Super Phosphate.	Chestertown.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5790	2.17	2	.....	.....	1.75	9.41	8	11.16	11	$16.62	$15.20
5675	2.24	2	.....	.....	3.50	15.61	15	19.11	19	23.73	22.60
5724	2.83	2½	.78	½	2.20	8.87	8	11.07	10½	19.02	17.00
5635	2.68	2	3.27	2	9.04	2.86	.....	11.90	11	17.78	12.40
5676	10.57	10	.....	.....	4.67	4.93	.....	9.60	.....	24.00	.....
5696	2.84	2	2.04	2	1.54	9.09	8	10.63	.....	20.27	16.00
5624	2.41	1	2.39	1	2.01	8.04	8	10.05	.....	18.46	12.00
5699	3.51	3½	2.57	2½	13.67	12.62	12.00	26.29	.....	31.19	29.40
5630	.....	.....	.....	.....	1.62	14.46	14	16.08	15	11.57	11.20
5692	.....	.....	....	.....	1.75	14.25	14	16.00	15	11.40	11.20
5608	3.80	5	*4.50	7	9.84	9.28	6	19.12	.....	29.61	28.00
5629	5.27	5	*7.85	7	2.88	9.62	6	12.50	.....	34.43	28.00
5767	2.69	2	1.95	1	2.80	8.56	8	11.36	.....	19.70	16.00
5716	9.25	10	2.64	.....	3.31	9.95	.....	13.26	.....	41.66	30.00
5609	2.11	2	2.85	2	2.24	8.95	8	11.19	.....	19.02	18.00
5661	6.71	7	3.91	5	1.10	8.54	6	9.64	8	33.02	32.80
5821	3.99	3	.....	.....	5.80	12.69	11	18.49	16	26.98	22.00
5729	.....	.....	2.51	2	2.04	9.59	10	11.63	.....	10.57	10.00
5796	2.28	2	10.05	10	2.54	6.05	5	8.59	7½	24.37	22.00
5628	3.95	3	1.81	3	2.76	9.67	8	12.43	.....	24.43	20.00
5610	2.18	2	2.31	2	1.98	8.82	8	10.80	.....	18.46	16.00
5715	2.19	1	2.95	2	1.57	8.00	8	9.57	.....	18.15	13.00
5756	2.01	1	4.84	4	.45	8.54	8	8.99	.....	19.59	15.00

*The greater part of the potash is in the form of the sulfate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5757	Beck, Walker & Brown, Chestertown, Md.	Tomato Super-Phos.....	Chestertown.. .....
5714	Chas. A. Benson, Fork, Md.	Grain and Grass Grower..	Baltimore..... ...
5700	" " " "	Standard Bone Phos.....	Baltimore.....
5619	W. C. Benson, Finksburg, Md.	Special Potato.....	Baltimore.....
5872	" " " "	Special Potato.....	Finksburg.....
5711	C. M. Bohannan & Co., Baltimore.	Bone and Potash.....	Baltimore.....
5712	" " " "	Leader for Tobacco.....	Baltimore.....
5732	T. M. Bramble & Co., Cambridge, Md.	Pea Grower.....	Cambridge.....
5794	Brumfield & Foster, Co lora, Md.	Acid Phos. and Potash...	Colora.....
5793	" " " "	Ammon. Bone Phos.....	Colora.....
5797	" " " "	H. G. Acid Phosphate....	Colora..... ...
5791	" " " "	Potato Phosphate.....	Colora.....
5792	" " " "	Tomato Special...	Colora.....
5885	John Bukgoon, Union Mills Md.	XX Ammon. Bone Phos	Westminster. .....
5860	*Chemical Co of Canton, Baltimore, Md.	Baker's Dis. Bone Phos ..	Alesia..... ....
5781	" " " "	Baker's Fish Guano.....	Denton.....
5778	" " " "	Baker's Special Wheat Corn and Grass Mixt...	Annapolis.....
5779	" " " "	Berry Truck Guano.....	Denton.....
5706	" " " "	C. C. C. Special Potato Manure.	Baltimore.....
5780	" " " "	Dis. Animal Bone...	Odenton.....
5782	" " " "	H. G. Baker's Standard Guano.	Odenton..... .....
5719	" " " "	Potato Manure.....	Baltimore.....
5862	" " " "	Soluble Bone and Potash.	Alesia.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value Per Ton Granulated.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5757	2.93	2½	4.08	3	.58	9.45	8	10.03	.....	$22.55	$18.50
5714	.74	½	2.76	2	2.32	8.21	8	10.53	9	11.55	10.10
5700	1.81	2	4.95	4½	1.95	7.23	7	9.18	8	18.39	17.90
5619	1.09	1	1.65	1½	1.34	7.72	7	9.06	.....	13.17	12.30
5872	1.18	1	1.50	1½	1.00	8.45	7	9.45	.....	13.89	12.30
5711	....	.....	2.15	2	1.35	11.31	11	12.66	.....	11.57	10.80
5712	2.70	2½	2.76	2½	1.25	9.03	8	10.28	....	20.39	18.00
5732	2.02	2	2.09	2	1.40	9.81	10	11.21	11	18.52	18.00
5794	.....	.....	2.21	2	81	11.19	8	12.00	.....	11.32	10.00
5793	2.37	2	2.39	2	1.63	9.22	9	10.85	.....	19.37	17.40
5797	.....	.....	.....	.....	1.04	16.30	14	17.34	.....	13.04	11.20
5791	1.31	1	5.11	5	1.91	7.42	7	9.33	.....	17.22	15.40
5792	4 34	4½	5.27	5	.25	9.08	8	9.33	.....	28.32	26.90
5885	.92	1	2.03	2	2.30	9.37	8	11.67	.....	15.08	13.00
5860	.63	¼	....	.....	1.39	13.73	14	15.12	.....	13.15	11.95
5781	2.15	2	2.84	2	3.15	7.79	8	10.94	10	18.34	16.00
5778	1.19	1	2.06	2	2.85	8.18	9	11.03	10	14.95	14.40
5779	4.22	5	3.14	3	2.57	6.96	6	9.53	.....	22.78	24.00
5706	2.87	3	†9.79	9	2.08	4.81	6	6.89	.....	25.80	24.00
5780	2.37	2½	....	.....	4.96	15.22	12	20.18	.....	24.31	19.50
5782	2.62	2½	2.51	2½	2.35	9.29	9	11.64	.....	20.50	19.60
5719	1.50	1	3.99	4½	2 75	7.94	8	10.69	10	17.53	16.30
5862	....	.....	2.80	2	2.75	9.34	10	12.09	12	10.83	10.40

† Sulfate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5803	Josiah Cope, Lincoln Univ., Pa.	Ammon. Bone Phosphate.	Conowingo
5672	F. P. Covey, Federalsburg, Md.	Standard Bone Phosphate.	Baltimore
5810	J. A. Cranston Co., Newport, Del.	Horseshoe Sol. Bone and Potash.	North East
5725	Wm Davidson & Co., Baltimore, Md.	Bos Ammoniated Super Phosphate.	Baltimore
5723	" " "	Pen Mar Ammoniated Super Phosphate	Baltimore
5745	L. E. P. Dennis & Son, Crisfield, Md.	Fish and Potash Mixture No. 1.	Crisfield
5727	" " "	Fish and Potash Mixture, No. 2.	Baltimore
5746	Louis F. Detrick, Balto.	Bone and Potash Mixture.	Pocomoke
5742	" " "	Gold Basis Bone Truck Phosphate	Pocomoke
5657	" " "	Kangaroo Komplete Kompound.	Baltimore
5743	Detrick Fertilizer & Chemical Co., Baltimore.	Ammoniated Bone Phosphate.	Pocomoke
5847	" " "	Corn Fertilizer	Mt. Airy
5832	" " "	Dissolved Bone	Silver Spring
5640	" " "	Dissolved S. C. Bone	Baltimore
5654	" " "	Excelsior Compound	Baltimore
5831	" " "	Farmers New Method	Silver Spring
5650	" " "	Fish Mixture	Baltimore
5741	" " "	Gold Eagle	Pocomoke
5717	" " "	Imperial Compound	Baltimore
5674	" " "	Potato Fertilizer	Baltimore
5739	" " "	Royal Crop Grower	Pocomoke
5718	" " "	Soluble Bone Phosphate and Potash.	Baltimore
5770	" " "	Special Mixture	Laurel

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5803	1.02	1	2.85	2	1.70	10.21	10	11.91	.....	$16.80	$15.80
5672	2.05	1½	2.78	2	3.56	10.29	9	13.85	11	20.64	15.50
5810	.....	.....	3.54	3	2.40	10.12	11	12.52	13	12.11	12.20
5725	2.77	2½	2.63	2½	2.82	9.27	8	12.09	11	21.34	19.20
5723	1.79	1.40	3.41	2½	3.54	9.22	8	12.76	10	19.42	15.50
5745	2.94	3½	3.53	3½	1.50	7.87	7	9.37	.....	20.82	21.00
5727	2.52	2½	2.46	2½	1.43	7.44	6	8.87	.....	18.03	16.00
5740	.....	.....	2.40	2.35	4.01	9.26	10	13.27	.....	10.61	10.75
5742	5.87	7	6.75	5	1.69	6.34	6	8.03	.....	31.53	32.80
5657	2.05	2	3.03	3	3.91	8.43	8	12.34	.....	19.17	18.40
5743	1.72	1½	1.09	1	2.37	9.83	9	12.20	.....	17.02	15.30
5847	1.01	1	2.09	2	2.17	10.00	10	12.17	.....	15.99	15.40
5832	2.80	2½	.....	.....	2.27	11.11	10	13.38	.....	20.42	18 30
5640	.....	.....	.....	.....	1.60	14.68	14	16.28	.....	11.74	11.20
5654	5.59	6	1.82	2	3.99	7.83	7	11.82	.....	28.01	27.80
5831	2.51	2½	....	.....	4.07	9.54	8	13.61	.....	18.70	15.90
5650	2.05	2	2.01	2	1.66	9.36	8	11.22	10	18.18	16.00
5741	3.44	3½	5.49	5	3.80	6.24	6	10.04	7	23.57	21.90
5717	1.19	1	1.36	1	2.63	9.66	9	11.29	10½	15.64	13.60
5674	2.44	2½	4.44	4	3.15	8.66	8	11.81	.....	21.68	19 90
5739	1.92	2	2.20	2	2.05	8.10	8	10.15	9	16.88	16.40
5718	.....	.....	2.54	2	1.60	10.12	10	11.72	.....	10.96	10.40
5770	1.02	1	1.02	1	1.48	9.48	8	10.96	.....	14.15	12.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5769	Detrick Fert. and Chem. Co., Baltimore, Md.	Special Potato Fert.....	Laurel.....
5555	" " " "	Tennessee Dis. Rock....	Annapolis.....
5738	" " " "	Vegetable Compound...	Pocomoke.....
5834	J. W. Dorsey, Ellicott City	Ammoniated Phosphate.	Ellicott City.....
5833	" " " "	Stag Potato Phosphate..	Ellicott City.....
5758	T. W. Eliason, Jr., Chestertown, Md.	Our Special Dis. Alkaline Phos. and Potash ...	Chestertown.....
5877	D. Englar, Jr., Medford's, Md.	No. 3 Bone Phosphate...	Medford.....
5876	Englar and Rinehart, Linwood, Md.	No 2 Ammoniated Bone Phosphate.	Linwood.....
5787	*Eureka Fertilizer Co., Perryville, Md.	Alkaline Bone and Potash.	Port Deposit.....
5786	" " "	Corn and Potato Special.	Port Deposit.....
5789	" " " "	Farmers' Favorite Bone Phosphate.	Port Deposit.....
5807	" " " "	Fish Rock and Potash...	Leslie.....
5806	" " " "	Imperial Bone Phosphate	Leslie .....
5788	" " " "	P. & P. Super-Phos.. ...	Port Deposit.....
5816	" " " "	Potato and Vegetable Fertilizer.	Perryman.....
5799	" " " "	Pure Dis. Bone.....	Rising Sun.....
5737	W. S. Farmer & Co., Baltimore, Md.	B. & P. Fertilizer.... ..	Hurlock.....
5730	" " " "	Clyde Brand.....	Cambridge.....
5703	" " " "	Harvest Queen.....	Baltimore..... ..
5704	" " " "	No. 1 Potato Manure....	Baltimore.....
5678	" " " "	Standard Phosphate.....	Baltimore.....
5880	Farmers' Fert. Co., Westminster, Md.	No. 1 Bone Phosphate....	Westminster.....
5881	" " " "	No. 2 Bone Phosphate...	Westminster.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5769	2.09	2	2.24	2	3 14	8.07	8	11.21	.....	$17.84	$16.80
5555	....	.....	.....	.....	1.75	17.26	18	19.01	.....	13.81	14.40
5738	6.62	7	5.81	4	2.05	6.85	7	8.90	9	33.50	32.80
5834	1.83	1½	1.73	1½	1.09	8.62	8	9.71	.....	16.28	14.00
5833	2.80	3	4.09	4	.47	9.88	9	10.35	.....	23.38	22.80
5758	.....	.....	2.22	1½	3.05	12.11	11	15.16	.....	12.52	10.70
5877	1.13	1½	2.26	2	.95	10.72	9½	11.67	11	16.75	16.00
5876	1.15	1.80	1.87	1.83	1.79	10.35	11.99	12.14	.....	16.39	19.22
5787	.. ..	.....	.96	2	3.02	9.68	11	12.70	12	9.30	11.00
5786	1.21	1	2.18	3	2.49	9.11	9	11.60	11	15.92	15.00
5789	1.64	2	2.08	2	3.79	8.36	10	12.15	12	16.88	18.00
5807	.51	½	1.80	½	2.13	7.46	7	9.59	9	9.73	7.60
5806	1.16	1	2.54	2	2.18	9.38	9	11.56	10	16.27	14.00
5789	.....	.....	.....	.....	3.27	10.39	14	13.66	15	8.35	11.20
5816	1.79	2	2.51	4	3.12	9.45	8	12.57	10	18.58	18.00
5799	1.96	2	.....	.....	5.14	10.70	12	15.84	15	18.63	19 20
5737	.....	.....	3.78	2½	.53	10.27	10	10.80	.....	12.11	10.80
5730	1.17	1	2.05	2½	2.05	9.05	9	11.10	.....	15.43	14.90
5703	1.53	1½	3.32	2½	1.20	10.61	10	11.81	.....	19.00	17.60
5704	3.91	4½	6.14	7	.64	9.49	8	10.13	.....	27.62	28.90
5678	2.49	2.85	2.74	2½	1.29	9.49	10	10.78	.....	20.21	21.65
5880	1.77	2½	2.23	2½	1.46	9.59	9	11.05	11	17.71	19 80
5881	2.01	1	3.23	2.50	1.30	8.85	9	10.15	10	18.63	17.90

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5879	Farmers Fert. Co., Westminster, Md.	No. 3 Bone Phosphate...	Westminster.....
5878	" " "	XX Bone Phosphate.....	Westminster.....
5748	Farmers and Planters Co., Salisbury, Md.	Fish Mixture Complete Fertilizer.	Salisbury.....
5747	" " "	Truckers' Mixture.....	Salisbury.....
5749	" " "	Special Fish Mixture ...	Salisbury .....
5771	Griffith & Boyd, Baltimore, *Md.	Ammon. Bone Phosphate	Laurel .....
5814	" " "	Ammon. Soluble Bone...	Aberdeen .....
5617	" " "	Cereal Bone Plant Food.	Baltimore .....
5615	" " "	Farmers' Potato Manure.	Baltimore .....
5812	" " "	Harvest Queen Phos....	Aberdeen... .....
5882	" " "	Peerless Fertilizer.....	Westminster.....
5813	" " "	Pure Dis. Animal Bone..	Aberdeen .....
5614	" " "	Spring Crop Grower.....	Baltimore .....
5815	" " "	Staple Manure Substitute	Aberdeen .....
5726	" " "	XX Potash Manure.....	Baltimore.....
5883	N. I. Gorsuch & Son, Westminster, Md.	Westminster Dis. Raw Bone Phosphate.	Westminster.....
5884	Hanover Bone Fert. Co., Hanover, Pa.	Blood and Bone Compound.	Westminster.....
5731	" " "	Klondike Special for Potatoes.	Cambridge.....
5627	Hanway & Keen, Bel Air. Md.	Standard H. G. Guano...	Baltimore.....
5809	S M. Hess & Bro., Philadelphia, Pa.	Keystone Bone Phos.....	Leslie.....
5808	" " "	Potato and Truck Manure	Leslie.....
5772	Josh. Horner, Jr., & Co., *Baltimore, Md.	Acid Bone.....	Laurel .....
5684	" " "	Ammon. Raw Bone Super Phosphate.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5879	1.80	1¾	3.21	2½	1.33	8.16	9	9.49	11	$17.30	$17.55
5878	1.22	1	2.69	3	1.22	9.82	9	11.04	10	16.66	15 40
5748	3.00	3	2.46	2	2.20	8.04	8	10.24	.....	20.38	19.00
5747	4.36	3½	4.68	4	2.11	7.63	8	9.74	.....	26.23	22 50
5749	2.80	2½	5.37	5	1 86	7.67	8	9.53	.....	22.18	20.50
5771	1.96	2	2.73	1½	1.66	9.95	9	11.61	10	19.22	16.90
5814	1.18	1	2.06	1½	.81	7.82	7	8.63	8	13.74	11.90
5617	1.25	1	2.49	2	1.80	8.62	8	10.42	10	15.58	13.80
5615	1.21	1	9.80	9	1.72	8.28	8	10.00	.. ....	22.40	20.00
5812	1.64	1½	2.69	2½	1.52	10.00	10	11.52	.....	18.22	17 00
5882	.61	¼	2.25	2	2.32	7.41	8	9.73	9	10.47	9.35
5813	2.99	2½	.....	.....	1.69	12.61	10	14.30	11	22.26	17.90
5614	2.01	2	5.05	4½	1.60	8.35	7	9.95	8	20.07	17.90
5815	3.10	3½	4.67	4	1.84	7.10	5.00	8.94	6	21.81	19.90
5726	.....	.....	6.68	5½	1.91	8.56	10.00	10.47	11	14.05	13.70
5883	1.27	1.40	2.30	2.25	2.88	7.00	7	9.88	8	14.11	13.85
5884	1.15	1	2.10	2	1.55	8.80	8	10.35	.....	14.97	13.40
5731	2.25	2½	4.53	5	1.26	9.41	9	10.67	.....	21.19	21.90
5627	2.58	2½	2.51	2½	2.94	8.58	9	11.52	.....	20.00	19.00
5809	1.09	1	1.08	1	1.35	8.25	9	9.60	.....	13.14	13.80
5808	2.05	3	6.06	6	1 32	8.60	8	9.92	.....	21.34	23.00
5772	.....	.....	.....	.....	.89	15.33	13	16.22	.....	12.26	10.40
5684	2.66	2½	2.25	2½	2.89	9.37	8	12.26	... .	20.75	19.60

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5721	*Josh. Horner, Jr., & Co., Baltimore, Md.	Concentrated Md. Super Phosphate A No. 1.	Baltimore.....
5656	" " "	Dis. Slaughter House Bone Dust.	Baltimore.....
5634	" " "	The Cultivator.....	Baltimore.....
5846	Hubbard & Co , Baltimore Md.	Columbia Gem. Phos....	Mt. Airy.....
5841	" " "	Dissolved Raw Bone....	Mt. Airy.....
5819	" " "	Farmers IXL Super-Phos phate.	Belcamp.....
5844	" " "	H. G. Soluble S. C. Phos phate.	Mt. Airy.....
5848	" " "	Oriental Phosphate for Wheat and Grass.	Walkersville.....
5845	" " "	Soluble Bone and Potash.	Mt. Airy.....
5820	" " "	Standard Bone Super-Phosphate.	Belcamp.....
5681	" " "	Truckers 7 per ct. Royal Seal Compound.	Baltimore.....
5843	" " "	Wheat Growers Jewel...	Mt. Airy.....
5645	M. P. Hubbard & Co., Baltimore, Md.	Bermuda Guano for early Truck and Potatoes.	Baltimore.....
5766	" " "	Celebrated Bone Phos...	Jessups.....
5775	" " "	Excelsior Bone Phos....	Annapoiis.....
5776	" " "	Farmers' Acme Fertz....	Annapolis.....
5777	" " "	Farmers' Old Economy..	Annapolis.....
5682	" " "	H. G. Sol. S. C. Phos....	Baltimore.....
5871	" " "	H. G. Sol. S. C. Phos....	Glyndon.....
5647	" " "	Soluble Bone and Potash for Wheat and Grass.	Baltimore.....
5659	T. R. Hubbard & Son, Chestertown, Md.	American Standard Bone Super-Phosphate.	Baltimore.....
5569	" " "	Imperial.....	Langford.....
5649	" " "	Our Peerless Fertilizer..	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5721	3.47	3½	3.95	6½	2.99	7.06	13	10.05	.....	$22.62	$30.00
5656	2.32	2½	.....	.....	3.09	12.59	12	15.68	.....	20.79	20.70
5634	2.68	2½	2.15	2½	3.81	8.77	7	12.58	.....	20.48	17.80
5846	.79	½	1.92	1½	2.21	8.89	8	11.10	.....	11.84	9.60
5841	2.56	2¾	.....	.....	2.57	11.04	11	13.61	.....	19.75	20.05
5819	2.16	2	2.46	1¾	1.55	9.03	8	10.58	.....	18.59	16.35
5844	.....	.....	.....	.....	1.84	14.62	14	16.46	.....	11.70	11.20
5848	1.23	1	1.89	1½	1.61	9.95	9	11.56	.....	16.17	14.30
5845	.....	.....	2.31	2	1.37	10.25	10	11.62	11	10.78	10.30
5820	2.30	2	2.23	2	1.82	9.91	9	11.73	.....	19.77	17.40
5681	6.69	7	5.47	5	1.07	7.35	7	8.42	.....	33.31	33.00
5843	1.66	1½	1.57	1½	.86	12.49	10	13.35	.....	19.38	16.40
5645	5.71	7	5.52	4	.50	7.44	7	7.94	8½	30.29	32.60
5766	2.37	2½	3.54	2	1.41	9.85	9	11.26	10½	21.06	19.10
5775	1.21	1	1.81	1½	1.15	8.69	8	9.84	9½	14.59	13.10
5776	1.94	2	2.09	2	1.41	6.98	7	8.39	8½	15.45	15.60
5777	.63	½	1.88	1½	.56	9.58	8	10.14	10	11.54	9.80
5682	.....	.....	.....	.....	1.01	14.04	14	15.05	.....	11.23	11.20
5871	.....	.....	.....	.....	.42	14.17	14	14.59	.....	11.34	11.20
5647	.....	.....	2.58	2	.35	11.22	10	11.57	.....	12.26	10.40
5659	2.90	3	5.69	5	1.18	8.86	8	10.04	.....	23.72	22.80
5569	1.82	2½	4.41	3½	1.03	9.13	9	10.16	.....	19.20	20.00
5649	1.55	1½	4.34	4	.96	7.93	7	8.89	.....	17.30	15.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5753	T. R. Hubbard & Son, Chestertown, Md.	Special Mixture.....	Chestertown.....
5755	" " "	Standard Bone Phos.....	Chestertown.....
5570	" " "	10 per cent for Potatoes..	Lankford.....
5829	T. C. Hunter, White Hall, Md.	Ex. Am Bone Phos. for Pots, Wheat & Grass.	White Hall.....
5639	S. L. Lamberd & Co., Baltimore, Md.	Boss Fertilizer.....	Baltimore.....
5623	" " "	Favorite.....	Baltimore.....
5828	Lazaretto Guano Co., Baltimore, Md.	Alkaline Phosphate for Wheat and Grass.	Parkton.....
5865	" " "	Ammoniated Bone Phosphate.	Hampstead.....
5752	" " "	Bone Com. for Wheat, Corn, Oats, & Grass.	Chestertown.....
5866	" " "	Dissolved S. C. Bone....	Hampstead.....
5835	" " "	Forsythe & Linthicum's Mixture.	Ellicott City.....
5837	" " "	Harford Bone.....	Ellicott City.....
5836	" " "	Pure Dis. S. C. Bone....	Ellicott City.....
5886	*Lisler Agricultural Chem. Works, Newark, N. J.	Ammoniated Dis. Bone Phosphate.	Chewsville.....
5689	" " "	Fertilizer for Peas	Baltimore.....
5707	" " "	Fertilizer for Tomatoes.	Baltimore.....
5618	" " "	Harvest Queen Phos....	Baltimore.....
5888	" " "	Potato Manure.....	Chewsville.....
5840	" " "	Special Crop Producer..	Woodbine.....
5869	" " "	Special Crop Producer..	Fairview.....
5620	" " "	Special Potato Fertilizer	Baltimore.....
5638	" " "	Standard Pure Bone Super-Phos of Lime.	Baltimore.....
5762	T. H. Longfellow, Greensboro, Md,	Farmers' Delight No. 1..	Greensboro.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed	Found.	Guaranteed.		
5753	.39	.....	1.42	.....	.78	6.12	.....	6.90	.....	$7.64	.....
5755	3.17	3	5.62	5	1.21	8.38	8	9.59	.....	24.11	$22.80
5570	4.79	6	10.76	10	1.90	7.06	7	8.96	.....	35.10	35.00
5829	1.64	1½	4.19	4	1.07	8.57	8	9.64	.....	18.11	16.90
5639	2.16	2	5.37	4½	2.08	7.19	7	9.27	.....	19.87	17.90
5623	1.26	1	2.08	2	1.71	8.98	8	10.70	10	15.53	13.80
5828	.....	.....	2.48	2	1.66	11.26	11	12.92	.....	11.82	11.00
5865	1.21	1	2.34	2	2.05	9.41	9	11.46	10	16.20	14.40
5752	1.24	1¼	3.46	2½	1.75	9.75	10	11.50	.....	17.63	16.65
5866	.....	.....	.....	.....	1.12	14.61	14	15.73	.....	11.69	11.20
5835	2.51	2½	3.89	4	4.23	9.56	9	13.79	.....	22.67	22.30
5837	2.81	3	.....	.....	10.71	6.63	.....	17.34	.....	19.34	.....
5836	.....	.....	.....	.....	1.23	14.65	14	15.86	.....	11.70	11.20
5886	2.10	2.20	2.24	1.30	2.36	7.74	9	10.10	.....	17.22	17.70
5689	1.78	2	2.02	2	1.93	10.62	9½	12.55	.....	18.75	17.50
5707	2.03	2	2.32	2	2.59	7.68	8	10.27	.....	17.12	16.00
5618	1.77	1½	2.15	2	2.37	10.94	9½	13.31	11½	19.24	16.80
5888	4.22	4	7.19	7	1.54	8.06	7	9.60	8	29.37	26.00
5840	1.17	1	1.04	1	3.00	7.49	7	10.49	8	13.24	11.40
5869	1.09	1	1.35	1	3.41	7.39	7	10.80	9	13.37	11.40
5620	2.21	2	3.38	3	2.85	8.97	8	11.82	.....	20.12	17.00
5638	2.76	.....	2.05	.....	2.16	11.18	.....	13.34	.....	22.37	.....
5762	1.15	1	3.47	2	1.86	8.77	8	10.63	9	16.43	13.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5760	T. H. Longfellow, Greensboro, Md.	Crop Grower.....	Greensboro.....
5761	" " "	Rock and Potash.....	Greensboro.....
5564	" " "	Special Pea Mixture. ...	Greensboro.....
5759	" " "	Truck and Berry Fertz..	Greensboro.....
5887	Maryland Fertilizing Co., Baltimore, Md.	Ammon. Fertilizer O. K	Chewsville .....
5889	" " "	Dissolved S. C. Bone....	Chewsville.....
5890	" " "	Globe Complete Manure	Chewsville.....
5891	" " "	Linder Super Phos.....	Smithsburg.....
5702	" " "	Potato Food.....	Baltimore.....
5875	" " "	Pure Dis. Animal Bone..	Linwood.....
5611	" " "	Sangston's Cereal and Plant Food.	Baltimore.....
5722	F. Maynard, Balto., Md.	H. G. Maynard's Choice	Baltimore..... ...
5783	" " "	Special Vegetator.....	Patuxent.....
5680	Mopes' Form. & Peruvian Guano Co., New York.	"A" Brand Manure.....	Baltimore.....
5733	" " "	Manure for Fruit and Vines.	Cambridge.....
5688	" " "	Manure for Potatoes....	Baltimore.....
5679	" " "	Veg'le M'ure or Comp'te M'ure for light soils.	Baltimore.....
5773	*Mayfield & Brown, Washington, D. C.	Special Manure Fertz....	Laurel .....
5863	F. Mehring, Bruceville, Md	Acid Phosphate.....	Hampstead .....
5849	" " "	Dis. Raw Bone.....	Bruceville.....
5850	" " "	Emmert's Half and Half	Bruceville.....
5864	" " "	Twenty-Six Dollar Phos.	Hampstead .....
5867	*Miller Fertilizer Co., Baltimore, Md.	Clinch Phosphate.....	Fowblesburg.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5760	.97	½	2.73	1½	2.13	8.19	7	10.32	8	$12.62	$ 8.80
5761	...	.....	6.04	.....	2.36	9.81	.....	12.17	.....	14.77	.....
5564	3.72	4	4.69	4	1.80	6.27	7	8.07	.....	22.84	21.00
5759	1.75	1½	3.16	3	1.34	8.57	7	9.91	.....	17.51	14.90
5887	1.65	1	2.52	2	1.70	8.41	8	10.11	9	16.56	13.40
5889	.....	.....	.....	.....	1.55	14.48	14	16.03	.....	11.58	11.20
5890	2.01	2	2.13	1½	3.19	9.06	9	12.25	10	18.49	16.90
5891	.....	.....	3.34	2½	1.01	11.61	11	12.62	12	12.83	11.50
5702	2.06	2¼	10.72	10	1.30	8.42	6	9.72	7	27.98	23.35
5875	3.12	2½	....	.. ..	1.79	12.18	12	13.97	.....	22.26	19.50
5611	1.55	1¼	2.71	2¼	3.24	9.77	10	13.01	11	18.42	16.40
5722	3.12	3.15	2.74	2½	2.25	8.16	7	10.41	.....	21.16	19.75
5783	2.47	2½	2.34	2	1.65	10.48	9½	12.13	11	20.89	19.00
5680	3.50	3	2.95	2½	6.10	7.03	10	13.13	12	22.92	21.50
5733	2.95	2	11.25	10†	2.96	7.20	5	10.16	7	30.43	21.80
5688	4.81	4½	†7.46	6†	3.57	5.92	8	9.49	8	30.32	27.50
5679	6.24	6	6.70	6	4.00	5.18	6	9.18	8	32.74	30.00
5773	1.34	.....	1.67	.....	3.05	9.92	.....	12.97	.....	16.83	.....
5863	.....	.....	.....	.....	2.73	15.66	14	18.39	.....	12.53	11.20
5849	2.00	1½	.....	.....	2 21	16.06	14	18.27	.....	22.94	18.50
5850	1.14	1	.....	.....	2.81	15.82	14	18.63	.....	20.36	17.00
5864	1.80	1¼	1.53	1	4.13	13.18	12	17.31	.....	21.76	16.75
5867	1.36	1	2.13	1½	1.36	7.34	7	8.70	.....	14.09	12.30

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5606	Miller Fertz. Co., Baltimore, Md.	Dis. Raw Bone.....	Beltsville.....
5817	" " " "	Dis. Raw Bone.....	Belcamp.....
5601	" " " "	Genuine German Kainit.	Beltsville.....
5603	" " " "	Ground Fish.....	Beltsville.....
5605	" " " "	Nitrate of Soda.....	Beltsville.....
5648	" " " "	No. 1 Potato Fertilizer.	Baltimore.....
5604	" " " "	Muriate of Potash.....	Beltsville.....
5602	" " " "	S. C. Rock.....	Beltsville.....
5827	" " " "	S. C. Rock.....	Monkton.....
5668	" " " "	Special Potato Fertz. ...	Baltimore.....
5607	" " " "	Special Tomato Grower.	Baltimore.....
5669	" " " "	Standard Phosphate.....	Baltimore.....
5622	" " " "	Tankage.....	Beltsville.....
5873	" " " "	W. G. Phosphate.....	Finksburg.....
5874	C. H. Miller, Loys, Md.	Royal Wheat, Corn and Grass Mixture.	Loys.....
5824	G. R. Mowell, Glencoe, Md.	Dis. S. C. Rock.....	Glencoe.....
5823	" " " "	Standard Bone Phos.....	Glencoe.....
6005	Nickerson Fert. Co., *Easton, Md.	Advance Guano.....	Airey's.....
6058	" " " "	Eastern Shore Domestic Guano.	Aberdeen.....
6022	" " " "	English Mixture.....	Barclay.....
5997	" " " "	H. G. Vegetable Compound.	Cambridge.....
5951	" " " "	H. G. Vegetable Guano	Baltimore.....
5558	" " " "	S. C. Phosphate	Easton.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5606	3.13	2½	.....	.....	1.59	12.52	11	14.11	14	$22.58	$19.70
5817	2 84	2½	.....	.....	1.35	12.82	11	14 17	14	21.88	19.70
5601	.....	.....	13 78	12	.....	.....	.....	.....	.....	13.78	12.00
5603	12.95	11	.....	.....	.....	.....	.....	.....	.....	.....	.....
5605	19 39	19	.....	.....	.....	.....	.....	.....	.....	.....	.....
5648	4 55	4½	7 11	7	.56	8.24	8	8.80	.....	29.44	28 90
5604	.....	.....	50.04	50	.....	.....	.....	.....	.....	.....	.....
5602	.....	.....	.....	.....	.43	14.45	14	14.88	.....	11.56	11.20
5827	.....	.....	.....	.....	1.40	14.60	14	16 00	.....	11.68	11.20
5668	1.16	1	5.27	5	.68	7.51	7	8.29	.....	16.53	15.80
5607	2.09	2	2.44	2	1.05	8.67	8	9.72	.....	17.80	16.80
5669	2.87	2.85	2.67	2¼	.77	10.09	10	10.86	.....	21.67	21.40
5622	9.74	10	.....	.....	.....	.....	.....	.....	.....	.....	.....
5873	.86	½	1.03	1	2.63	7.31	7	9.94	.....	9 99	8.50
5874	1.26	1	1.83	1½	1.29	8.28	8	9.57	10	14 41	13.30
5824	.....	.....	.....	.....	1.90	13.57	14	15.47	.....	10 86	11.20
5823	1.83	2	2.73	2	1.51	10.15	10	11.66	11	18.97	18.40
6005	1.32	½	1.41	1½	1.21	7.34	7	8.55	8	13.19	8.80
6058	2.05	2	3.52	2	2.20	9.04	8	11.24	10	19.59	17.80
6022	1.04	1½	2.21	2	1.62	10.26	10	11.88	12	16.24	17.30
5997	5.54	7	5.23	5	2.06	6.37	5	8.43	6	29.04	31.40
5951	2.78	4	1.63	4	2.29	10.09	5	12.38	.....	20.98	21.40
5558	.....	.....	.....	.....	1.22	13.05	14	14.29	16	10.43	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5950	Nickerson Fertz. Co., Easton, Md.	Truck Guano.....	Baltimore.....
5925	G. Ober & Sons' Co., Baltimore, Md.	Farmers' Standard Ammoniated Phosphate.	Baltimore.....
5993	" " " "	Fish, Bone and Potash Mixture.	Cambridge.....
5935	" " " "	Special Plant Food.....	Baltimore..... ..
5958	Patapsco Guano Co., Baltimore, Md.	Balto. Soluble Phosphate	Baltimore.....
6014	" " "	Coon Brand Guano.....	Snow Hill.....
6015	" " " "	Corn and Tom. Fert. also Potatoes and all Truck.	Snow Hill.....
6019	" " " "	Dis. Raw Bone.....	Snow Hill.....
5965	" " " "	Early Trucker.....	Baltimore.....
6017	" " " "	Pure Dis. S. C. Bone....	Snow Hill.....
6016	" " " "	Sea Gull Guano.....	Snow Hill.....
6018	" " " "	Grange Mixture.....	Snow Hill.....
5966	*Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Dis. S. C. Bone.....	Baltimore.....
5967	" " " "	Insula Guano for Corn, Oats, & other Crops.	Baltimore.....
5940	" " " "	Mt. Airy Special Truck Fertilizer.	Baltimore.....
5954	" " " "	Piedmont Dissolved Animal Bone.	Baltimore.....
5917	" " " "	Piedmont Pot. Producer.	Baltimore.....
5927	" " " "	Piedmont Pure Raw Bone Mixture	Baltimore.....
6021	" " " "	Special Truck Fert. for Tomatoes and Peas.	Chestertown.....
5941	" " " "	Royal Ammon. Bone and Potash.	Baltimore.....
6082	*R. H. Pollock, Baltimore, Md.	Ammon. Bone Phos.....	Greenmount .....
5913	" " " "	Ammon. Bone Phos.....	Beltsville.....
5911	" " " "	Corn and Tomato Fertilizer.	Beltsville.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5950	2.05	2	2.59	2½	2.93	8.32	8	11.25	9	$18.22	$16.90
5925	2.20	2	2.57	2	.55	10.55	8	11.10	.....	19.94	17.00
5993	3.79	3	4.04	3	1.84	8.56	7	10.40	.....	24.71	19.80
5935	2.64	2	5.55	3	.76	10.68	9	11.44	.....	24.45	18.40
5958	.....	.....	2.06	2	1.40	11.18	11	12.58	.....	11.28	11.00
6014	1.17	1	3.07	3	1.71	9.20	9	10.91	.....	16.46	15.40
6015	1.53	1½	2.06	2	1.90	9.37	9	11.27	.....	16.78	16.30
6019	2.80	2½	.....	.....	3.10	14.01	12	17.11	.....	23.65	19.90
5965	4.49	5	5.60	5	2.18	7.09	7	9.27	.....	27.03	27.00
6017	.....	.....	.....	.....	1.32	14.54	14	15.86	.....	11.63	11 20
6016	1.11	1	1.04	1	2 28	8.46	8	10.74	.....	13.74	12.40
6018	2.11	2	2.16	2	1.85	9.92	10	11.77	.....	19.17	19.00
5966	.....	.....	.....	.....	2.07	13.45	14	15.20	16	10.76	11.20
5967	.67	½	2.37	2	1.76	5.90	5	7.66	7	9.45	7.90
5940	2.05	2	1.90	2	1.40	9.56	9	10.96	11	18.17	17.80
5954	2.67	2½	.....	.....	3.53	10.95	11	14.48	15	20.39	20.10
5917	3.13	3	6.43	6	1.06	6.95	5	8.01	7	23.19	20.80
5927	1.88	1	1.59	1	2.80	7.06	7	9.86	11	15.41	12.60
6021	2.11	2	1.57	2	1.45	9.33	9	10.78	11	17.71	17.80
5941	2.97	1.30	2.35	3	2.00	7.18	6	9.18	8	19.24	13.70
6082	2.19	2	2.25	2	2.12	10.00	10	12.12	11	19.67	18.40
5913	2.09	2	2.62	2	2.25	10.19	10	12.44	11	19.98	18.40
5911	1.06	1	2.30	2	2.07	9.16	9	11.23	10	15.46	14.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
6081	R. H. Pollock, Baltimore Md.	Dissolved S. C. Bone....	Greenmount .....
5568	" " "	Dissolved S. C. Bone...	Beltsville.....
5914	" " "	Owl Brand.....	Beltsville.....
5985	" " "	Owl Brand Guano.....	Baltimore.....
5915	" " "	Special Potato and Tob. Fertilizer	Beltsville.....
5983	" " "	Superior Corn & Tomato Fertilizer.	Baltimore.....
5979	" " "	Victor Bone Phosphate..	Baltimore.....
5996	W. S. Powell & Co., Baltimore, Md.	Green Bag Fertilizer.. .	Cambridge.....
6079	*Ramsburg Fertz. Co.. Frederick, Md.	Alkaline Phosphate.....	Frederick.....
6080	" " "	Ammon Bone Phosphate	Frederick.....
6065	" " "	Corn and Pot Fertilizer..	Silver Spring.....
6078	" " "	Dis. Bone Super-Phos....	Frederick.....
6066	" " "	Excelsior Plant Food....	Silver Spring.....
6063	" " "	Old Virginia Compound..	Silver Spring.....
5918	Rasin - Monumental Co., Baltimore, Md.	Rasin's Acid Phos.....	Baltimore.....
5928	" " "	Rasin's Ammon. Alkaline Phosphate	Baltimore.....
6092	" " "	Rasin's Bone and Potash	Westminster.....
5989	" " "	Rasin's Empire Guano...	Baltimore.....
6093	" " "	Rasin's IXL Fertilizer ..	Westminster.....
5825	" " "	Monumental Acid Phos phate.	Monkton.....
5765	" " "	Monumental Arundel Complete.	Hillsboro .....
5826	" " "	Wm. Penn Crop Grower.	Monkton.....
5838	" " "	Monumental Dis. Bone Phosphate.	Sykesville.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
6081	.....	.....	.....	.....	1 55	14.17	14	15.72	.....	$11.34	$11.20
5568	.....	.....	.....	.....	.98	14.28	14	15.26	.....	11.42	11.20
5914	1.47	½	2.26	1½	1.09	8.71	7	9.80	8	15.82	8.80
5985	.73	1½	2.28	1½	1.01	8.42	7	9.43	8	11.41	13.40
5915	2.48	2½	4.12	4	1.68	9.24	9	10.92	10	21.47	20.15
5983	1.23	1	1.70	2	1.12	9.70	9	10.82	10	15.54	14.40
5979	.....	.....	1.35	1	4.80	9.32	9	14.12	10	9.77	8.40
5996	1.83	.....	8.82	.....	.60	5.69	.....	6.29	.....	21.20	.....
6079	.. ..	.....	2.34	2	1.68	10.90	10	12.58	12	11.40	10.40
6080	.87	1¼	2.13	2	2.82	9.72	10	12.54	12	13.08	16.55
6065	1.54	1¼	2.03	2	2.36	9.46	8.10	11.82	.....	17.05	14.45
6078	.....	.....	.....	.....	1.38	15.27	14	16.65	16	12.22	11.20
6066	2.25	2¼	1.61	2	2.00	9.04	9	11.04	.....	18.20	18.55
6068	1.57	1	2.31	2	2.00	9.48	9	11.48	.....	17.30	14.80
5918	.....	.....	.....	.....	.58	15.59	14	16.17	.....	12.47	11.20
5928	2.60	2	4.35	1	1.07	6.98	8	8.05	.....	19.56	15 40
6092	.....	.....	1.83	1	2.49	8.98	12	11.47	.....	9.51	10.80
5989	2.57	2.43	1.57	1½	3.04	8.32	8	11.36	.....	18.82	17.59
6093	1.87	1¼	2.93	3	2.25	8.98	9	11.23	.....	18.42	15.75
5825	....	.....	....	.....	.68	14.38	14	15.14	.....	11.50	11.20
5765	2.24	2	2.73	2	.68	7.57	8	8.25	.....	17.29	16 60
5826	.92	1	1.53	1	1.47	7.59	8	9.06	.....	12.47	12.40
5838	.....	.....	.....	....	.42	15.17	14	15.59	.....	12.14	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5664	Rasin - Monumental Co., Baltimore, Md.	Monumental Potato Manure.	Baltimore.....
5705	" " "	Monumental Sol. Bone Phosphate and Potash.	Baltimore.....
6090	W. G. Rinehart & Co., Union Bridge.	No. 2 Bone Phosphate...	Union Bridge.....
6089	" " "	No 3 Bone Phosphate ..	Union Bridge.....
6030	E. C. Ross, Seaford, Del..	Ross & Elsey's Tomato Special Mixture.	Hurlocks.....
5955	*Isaac Robinson, Baltimore, Md.	Peerless Phosphate... .	Baltimore.....
5949	" " "	Pennsylvania Special....	Baltimore.....
5929	" " "	Pure Dissolved Bone ...	Baltimore.....
5968	" " "	Special Corn and Oats Phosphate.	Baltimore.....
5916	" " "	Special Potato & Tomato Phosphate.	Baltimore.....
5948	" " "	Standard Dissolved Bone Phosphate	Baltimore.....
5921	W. E. Robinson, Vale, Md.	Potato Manure.....	Baltimore.....
6060	" " "	Tomato Grower.....	Van Bibber... ....
6059	" " "	Vegetable Fertilizer.....	Van Bibber.....
6010	Redden, Pardee & Co., Pocomoke, Md.	7 per cent Guano.....	Pocomoke.....
6008	" " "	Special Potato Guano...	Pocomoke.....
5963	*Henry Record Mfg. Co., Bel Air, Md.	Ammoniated Bone Phosphate.	Baltimore..... ..
5953	" " "	Dissolved S. C. Bone...	Baltimore.....
6056	" " "	Special Compound.....	Aberdeen.....
6094	Chas. Schaeffer, Westminster, Md.	Governor.....	Westminster. .....
6097	" " "	H. G. Acid Phosphate...	Westminster.....
6095	" " "	Leader.....	Westminster.....
6096	" " "	Super "A"	Westminster.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5664	1.94	1	5.67	4	1.06	7.43	6	8.49	.....	$19.37	$13.40
5705	.....	.....	.82	2	1.45	14.07	10	15.42	.....	12.36	10.20
6090	1.13	1.55	2.20	2½	1.89	9.95	9.27	11.84	.....	16.29	16.42
6089	.73	.75	2.73	3.21	1.39	9.47	8	10.86	....	12.78	11.86
6030	3.33	6	6.62	10	3.50	6.16	7	9.66	.....	24.17	35.00
5955	.96	1½	2.23	1½	1.96	8.21	8	10.17	.....	14.10	14.80
5949	2.66	2	5.04	5	1.14	7.70	7	8.84	.....	21.17	18.60
5929	2.59	2½	.....	.....	3.17	12.07	11	15.24	14	21.11	19.70
5968	2.36	1¾	2.58	2	1.20	8.50	7	9.70	9¾	18.64	15.35
5916	2.14	2	2.76	2¼	1.27	8.27	7½	9.54	10	16.05	16.75
5948	1.37	1	2.02	2	1.20	10.03	10	11.23	11	16.64	15.60
5921	1.35	1½	5.66	5	1.27	5.03	5	6.30	6	15.24	14.90
6060	3.38	4	3.58	2¾	2.55	8.69	10	11.24	.....	23.43	24.75
6059	1.88	2	2.04	2	1.47	11.12	9	12.59	.....	19.39	17.00
6010	6.75	7	4.73	5	1.60	7.72	6	9.32	.....	33.34	32.00
6008	3.48	4	6.08	6	2.37	7.81	6	10.18	8	25.27	24.80
5963	1.31	1¼	2.35	2	1.75	9.08	9	10.83	.....	16.06	14.75
5953	.....	.....	.....	.....	1.45	14.02	14	15.47	.....	11.22	11.20
6056	2.26	2.03	2.90	2.13	2.42	9.85	10.66	12.27	13.18	20.50	18.88
6094	1.81	1½	2.28	2½	1.94	9.49	9	11.43	.....	17.98	16.00
6097	.....	.....	.....	....	1.40	14.91	14	16.31	....	11.93	11.20
6095	1.32	1	1.69	1½	1.40	8.72	8	10.12	.....	14.93	12.50
6096	1.00	.75	1.42	1	1.64	8.37	7½	10.01	.....	13.44	9.45

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
6052	*The Scott Fertilizing Co., Elkton, Md.	Bush River H. G. Compound.	Aberdeen
6044	" " "	Elk Head Super-Phosphate.	Rising Sun
6045	" " "	Potato Fertilizer No. 2..	Rising Sun
6051	" " "	Sure Growth Compound.	Elkton
6046	" " "	Sure Growth Super-Phosphate.	Rising Sun
6050	" " "	Standard Phosphate	Elkton
6043	" " "	Tip-Top Soluble Bone	Rising Sun
6048	" " "	Tip-Top Soluble Bone and Potash.	Elkton
6053	Sharpless & Carpenter, Philadelphia, Pa.	Dis. Bone Phosphate	Aberdeen
6054	" " "	No. 1 Bone Phosphate	Aberdeen
6068	Slingluff & Co., Baltimore, Md.	Ammoniated Bone	Ellicott City
6071	" " "	British Mixture	Ellicott City
5961	" " "	Dissolved S. C. Bone	Baltimore
5962	" " "	Magic Guano	Baltimore
5957	" " "	Southern Bright Tobacco Grower.	Baltimore
5960	" " "	Special Bone Phosphate.	Baltimore
6069	" " "	Standard Complete Manure.	Ellicott City
5959	" " "	Top Dresser	Baltimore
5933	" " "	Truckers' Favorite	Baltimore
5563	W. A. Smith, Woodsboro, Md.	Ammoniated Bone	Laytonsville
5976	*Southern Fertilizing Co., York, Pa.	Ammoniated Dis. Bone	Baltimore
6072	" " "	Export Bone and Potash.	Mt. Airy
5974	" " "	Farmers' Choice Brand.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
6052	3.41	3½	7.32	7	1.11	9.00	9	10.11	.....	$26.99	$26.50
6044	1.42	1	1.50	1	1.08	9.30	9	10.38	.....	15.49	13.40
6045	2.19	2	4.35	4	1.78	8.30	8	10.08	.....	19.94	18.00
6051	3.72	4½	7.73	7	1.20	9.58	8	10.78	.....	28.95	28.50
6046	2.09	2	2.35	2	3.20	9.77	10	12.97	.....	19.67	18.00
6050	2.08	1	2.31	2	2.60	9.70	8	12.37	.....	19.29	13.60
6043	.....	.....	.....	.....	.58	16.42	14	17.00	.....	13.14	11.20
6048	.....	.....	2.02	2	.77	13.87	11	14.64	.....	13.27	10.80
6053	3.02	3	5.11	5	1.14	9.21	8	10.35	.....	23.84	22.00
6054	2.29	2½	2.44	2	1.32	9.31	8½	10.63	.....	19.15	18.00
6068	2.42	2½	2.55	2½	3.19	9.31	9	12.50	.....	20.40	19.00
6071	2.39	2½	1.94	2½	3.67	10.51	8	14.18	.....	21.09	18.00
5961	....	.....	....	.....	2.21	15.06	14	17.27	.....	12.05	11.20
5962	1.30	1	2.65	2	2.49	10.33	9	12.82	10½	17.88	14 60
5957	4.38	4½	4.57	5	2.25	9.03	8	11.28	.....	28.55	26.50
5960	1.21	1	.....	.....	.70	15.33	12	16.03	.....	19.24	15.40
6069	1.91	2	2.08	2	3 70	8.76	8	12.46	10	18.05	16.80
5959	5.03	5	2.51	2½	2.69	1.71	3	4.40	.....	20.39	20.50
5933	3.34	3¾	3.15	3	1.37	11.33	9	13.70	.....	25.04	23.25
5563	1.76	.....	.....	.....	1.81	10.20	.....	12.01	.....	16.10	.....
5976	2.07	2	2.69	2½	2 50	9.43	10	11.93	.....	19.33	18.50
6072	2.50	2	1.88	2	9.37	6.10	11½	15.47	.....	19.23	19.50
5974	1.40	1	2.49	2	1.78	9.29	9	11.07	.....	16.69	14.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
6073	Southern Fertilizing Co., York, Pa.	General Crop Grower...	Mt. Airy.....
5975	" " "	Soluble Bone and Potash.	Baltimore.....
6074	" " "	Special Potato Grower..	Mt. Airy.....
6087	G. W. Stocksdale, Thurmont.	Ammoniated Super-Phosphate.	Thurmont.....
6098	J. W. Stonebraker & Son, Hagerstown, Md.	Champion.....	Hagerstown.....
5952	W. H Street & Co., Baltimore, Md.	Ammon. and Dis. Bone.	Baltimore.....
5977	" " "	H. G. Bone Phosphate..	Baltimore.....
5931	" " "	S. C. Rock.....	Baltimore.....
5932	" " "	Special Phosphate.....	Baltimore.....
6077	J. W. Sullivan, Monrovia, Md.	Sullivan's Sure Success.	Monrovia.....
5556	Susquehanna Fertilizer Co. Baltimore, Md.	Ammon. Bone Phosphate.	Church Hill.....
5945	" " "	Crop Grower.....	Baltimore.....
5557	" " "	H. G. Bone and Potash..	Baltimore.....
5946	" " "	Potato Phosphate.....	Baltimore.....
6020	" " "	Special Tomato Comp..	Chestertown.....
6083	" " "	Sup Rock Phosphate...	Hampstead.....
6085	" " "	XXV Phosphate.....	Hampstead.....
6067	Talbott & Clark, Ellicott City, Md.	Grain and Grass Grower for Potatoes.	Ellicott City.....
6070	" " "	Ammoniated Bone Phosphate.	Ellicott City.....
6099	D. A. Thomas, Hagerstown, Md.	Bone Mixture.....	Hagerstown.....
6042	I. P. Thomas & Sons' Co., Philadelphia, Pa.	Farmers' Choice Bone Phosphate.	Odenton.....
6040	" " "	Fish Guano.....	Annapolis.....
6039	" " "	Normal Bone Phosphate.	Annapolis.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value Per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
6073	.88	½	2.02	2	1.19	8.02	8	9.21	.....	$11.31	$9.90
5975	....	.....	2.45	2	1.71	11.30	11	13.01	.....	11.73	10.80
6074	1.53	1½	4.14	4	1.40	8.12	8	9.52	.....	17.41	16.50
6087	1.00	1	2.67	2¼	2.22	9.07	9	11.29	.....	15.63	14.25
6098	1.42	1½	5.90	3½	2.32	9.58	11	11.90	.....	20.67	19.00
5952	1.78	1½	2.07	2	1.05	10.19	9	11.24	11	18.02	16.30
5977	2.67	2½	2.60	3	1.30	8.27	8	10.57	.....	19.80	19.30
5931	....	.....	....	.....	1.90	14.13	14	16.03	....	11.30	11.20
5932	.82	½	1.25	1	2.77	7.03	7	9.80	.....	9.88	8.30
6077	2.34	2	2.56	2	1.70	10.53	10	12.23	.....	20.79	18.00
5556	2.35	2	2.10	2	2.68	10.03	9	12.71	.....	20.25	17.80
5945	1.42	1	1.28	1	3.65	8.53	8	12.18	.....	15.53	12.80
5557	.....	... .	6.02	6	1.43	12.04	12	13.47	14	15.90	16.00
5946	1.91	2	6.07	6	3.21	8.60	8	11.81	.....	21.68	20.80
6020	2.34	2¼	2.35	4	4.77	7.99	9	12.76	.....	19.26	19.75
6083	....	.....	.....	.....	1.75	15.55	14	17.30	.....	12.44	11.20
6085	1.33	1¼	1.51	1	2.53	8.97	8	11.50	.....	15.48	13.55
6067	2.11	2	3.00	3	3.28	9.16	9	12.44	10	19.80	18.40
6070	1.22	1	2.20	2	1.70	8.95	9	10.65	14	15.49	16.00
6099	2.10	2	2.26	2	2.50	10.04	10	12.54	.....	19.60	18.00
6042	1.88	2	2.27	2	1.14	10.68	9½	11.82	.....	19.05	17.90
6040	1.71	2	2.08	2	1.34	10.71	9½	12.05	.....	18.46	17.90
6039	1.61	1¼	1.51	1½	3.75	8.66	8½	12.41	.....	16.50	13.90

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
6031	I. P. Thomas & Sons' Co., Philadelphia, Pa.	Potato & Tom. Manure	Jessups
6037	" " "	Potato Manure	Annapolis
6032	" " "	S. C. Phosphate	Jessups
6038	" " "	Tip-Top Raw Bone Super Phosphate.	Annapolis
6041	" " "	Tobacco Fertilizer	Annapolis
6027	The W. B. Tilghman Co., Salisbury, Md.	Fish Mixture	Salisbury
5562	" " "	Fish Mixture	Salisbury
6028	" " "	Mixture Bee	Salisbury
6029	" " "	Irish "P" Mixture	Salisbury
6011	E. S. Truitt, Salisbury, Md.	Fish Mixture XX a Complete Fertilizer.	Salisbury
6009	Tygert Allen Fertilizer Co. Philadelphia, Pa.	Dissolved S. C. Rock	Pocomoke
6100	Virginia-Carolina Chemical Co., Richmond, Va.	14 per ct. Acid Phosphate.	Hancock
6004	S. L. Webster & Son, Cambridge, Md.	No. 2 Ammoniated Bone Phosphate	Secretary
6003	" " "	Our Special Six Per Cent Guano.	Secretary
5998	" " "	Poudrett Mixture	Cambridge
6000	" " "	The Times Bone Phos.	Cambridge
5988	M. E. Wheeler & Co., New York.	Potato Manure	Baltimore
6047	" " "	Royal Wheat Grower	Elkton
6006	F. M. Wilson, Pocomoke, Md.	Favorite Truck Fertilizer.	Pocomoke
6007	" " "	Peninsula Ammon. Super Phosphate.	Pocomoke
6024	Williams & Clark, New York.	Acorn Brand Acid Phosphate.	Ridgely
6026	" " "	Fish and Potash	Ridgely
5991	" " "	Pea, Tomato and Corn Fertilizer.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
6031	1.62	2	6.01	6	2.66	9.75	9	12.41	.....	$21.68	$21.60
6037	2.34	2¾	5.75	6	.99	10.57	9	11.56	.....	23.74	24.05
6032	.....	.....	.....	.....	3.07	13.90	14	16.97	16	11.12	11.20
6038	2.88	3	3.80	2¾	2.70	9.84	10	12.54	.....	23.36	22.85
6041	1.13	2½	4.60	7	2 17	10.39	9	12.56	.....	19.87	23.90
6027	3.35	3	2.28	2	1.87	7.30	7	9.17	.....	20.38	18.00
5562	3.20	3	2.14	2	1.99	8.17	7	10.16	.....	20.71	18.00
6028	4.39	4	4.14	3	1.55	7.00	8	8.55	.....	24.93	23.00
6029	5.73	7	5.17	5	2 07	6.14	6	8.21	.....	29.33	32.00
6011	3.23	3	2.06	2	2.80	6.15	8	8.95	10	19.02	19 80
6009	.....	.....	.....	.....	1.21	14.47	14	15.68	15	11.58	11.20
6100	.....	.....	.....	.....	1.20	14.02	14	15.22	15	11.22	11.20
6004	1.62	2 40	2.80	2½	3.20	6.88	8	10.08	.....	15.82	17.70
6003	5.22	6	3.73	5	2.40	5.08	7	7.48	.....	25.43	30.00
5998	.72	.51	2.61	3	1.75	6.26	6½	8.01	7.23	10.13	9.95
6000	.50	½	1.42	2½	.83	7.30	9	8.13	9.65	8.93	11.33
5988	2.61	2½	3.64	3¼	1.66	9.08	8	10.74	.....	21.21	19.15
6047	1.40	1	1.81	2	1.85	8.50	8	10.35	.....	16.65	13.40
6006	3.00	3	7.50	4	2.07	7.50	9	9.57	.....	24.83	22.00
6007	1.23	1	2.33	1½	1.75	11.18	10	12.93	.....	17.90	14.50
6024	.....	.....	.....	.....	1.07	14.62	14	15.69	15	11.70	11.20
6026	2.17	2	2.03	2	3 70	8.33	8	12.03	.....	18.35	16.00
5991	.61	½	3.01	3	2.25	7.69	8	9.94	.....	11.44	10.90

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5986	*The Robt. A. Wooldridge Co., Baltimore, Md.	Dis. Animal Bone.....	Baltimore.....
5939	" " "	Florida Acid Phosphate.	Baltimore.....
5943	" " "	Golden Crown Animal Bone Truck Phos.	Baltimore.....
5944	" " "	Liberty Bell Potash Mixture.	Baltimore.....
5971	" " "	Little Giant Phosphate..	Baltimore.....
5994	" " "	Special Potato Fertz. for Irish Potatoes	Cambridge.....
5934	" " "	Sweet Stakes Sure Shot Truck.	Baltimore.....
5995	" " "	Triumph Pure Bone Phosphate.	Cambridge.....
5937	" " "	Triumph Pure Bone Phosphate.	Baltimore.....
6036	*Zell Guano Co., Baltimore, Md.	Ammon. Bone Super-Phosphate	Laurel.....
6061	" " "	Dis Bone Phosphate.....	Corbett.....
6076	" " "	Dis. Bone Phosphate and Potash.	Monrovia .. ..
6034	" " "	Economizer.....	Laurel.....
6062	" " "	The Little Giant, a Complete Fertilizer.	Corbett.....
6033	" " "	Special Compound for Pot and Vegetables.	Laurel..... ...

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value Per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
5986	2.67	2½	.....	.....	4.32	11.80	10	16.12	.....	21.54	$17.90
5939	.....	.....	.....	.....	1.25	14.42	14	15.67	15	11.54	11.20
5943	6.34	7	5.17	5	1.41	7.46	7	8.87	.....	32.21	33.40
5944	.....	.....	2.15	2	1.24	11.70	11	12.94	12	11.76	11.00
5971	1.21	1	2.67	2	2.04	9.34	9	11.38	.....	16.46	14.40
5994	2.06	2	4.72	5	1.34	9 54	9	10.88	.....	20.98	20 40
5934	2.63	3	8.17	8	1 25	7.96	7	9.21	.....	24.52	24.40
5995	2.15	1½	3.88	4	1.96	9.53	8	11.49	.....	20.64	16.90
5937	1.47	1½	4.42	4	1.38	8.98	8	10 36	.....	18.37	16 90
6036	2.22	2	2.50	2	1 86	9.07	8	10.93	10	18.97	16.80
6061	.....	.....	.....	.....	2.52	15.43	14	17.95	16	12.34	11.20
6076	.....	.....	1.32	1	2 39	12.24	12	14.63	14	11.59	11.00
6034	1.35	1	1.18	1	1.75	10.79	9	12.54	.....	16.72	13.80
6062	1.48	1	1.08	1	1.65	9.51	8	11.16	10	15.69	12.80
6033	3.10	3	4.25	4	1.76	9.51	8	11.27	.....	23.76	21.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
5859	Alexandria Fertz. & Chem. Co.. Alexandria, Va.	Pure Raw Bone Meal....	Kensington.....
5764	Baugh & Sons Co., Baltimore, Md.	Bone Meal, Warranted..	Denton.....
5631	" " " "	Pure Bone Meal.....	Beltsville.....
5720	J. L. Bullock, Baltimore, Md.	Pure Raw Bone.....	Baltimore.....
5625	Chem. Co. of Canton, Baltimore, Md.	Baker's Standard Ground Bone.	Baltimore.....
5800	Eureka Fertz. Co., Perryville, Md.	Bone Meal.....	Rising Sun.....
5830	Griffith & Boyd, Baltimore, Md.	Pure Fine Ground Bone Meal.	White Hall.....
5701	" " " "	Soft Ground Bone.....	Baltimore.....
5805	Iosh. Horner, Jr., & Co., Baltimore, Md.	Slaughter House Bone Dust.	Conowingo.....
5613	Lister Agr'l Chem. Works, Newark, N. J.	Pure Raw Bone Meal....	Baltimore.....
5777	Mayfield & Brown. Washington, D. C.	Pure Ground Bone Flour	Laurel.....
5621	Miller Fertz. Co., Baltimore, Md.	Ground Bone.....	Beltsville.....
5822	" " " "	Ground Bone.....	Joppa.....
6057	Nickerson Fertz. Co.	Pure Fine Ground Bone..	Aberdeen.....
5978	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Piedmont Raw Bone.....	Baltimore.....
5982	R. H. Pollock, Baltimore, Md.	Ground Animal Bone...	Baltimore.....
5912	" " " "	Soft Ground Bone.....	Beltsville.....
6064	Ramsburg Fertz. Co., Frederick. Md.	Pure Raw Bone.....	Silver Spring.....
5920	Isaac Robinson, Baltimore. Md.	Pure Raw Bone.....	Baltimore.....
6055	Henry Reckord Mfg. Co. Bel Air, Md.	Raw Bone.....	Aberdeen.....
6049	The Scott Fertz. Co., Elkton, Md.	Pure Ground Bone.....	Elkton.....
5973	Southern Fertz. Co., York, Pa.	Fine Raw Bone.....	Baltimore.....
5969	Robt. A. Wooldridge Co., Baltimore, Md.	Pure Raw Bone Meal.....	Baltimore.....
5970	" " " "	Tuckahoe Raw Bone Meal	Baltimore.....
6035	Zell Guano Co., Baltimore, Md.	Pure Ground Raw Bone..	Laurel.....

No.	Mechanical Analysis.				Nitrogen. Calculated as Ammonia.		Total Phosphoric Acid.		Comparative Value Found.
	Fine.	Fine Medium.	Medium.	Coarse.	**Found.**	Guaranteed.	**Found.**	Guaranteed.	
5859	47	35	18	0	**4.32**	4	**20.83**	21½	$28.71
5764	37	45	18	0	**4.48**	4	**21.07**	21½	29.08
5631	27	54	19	0	**4.45**	4	**20.90**	21½	27.86
5720	25	43	32	0	**4.35**	3.67	**21.74**	..	27.33
5625	24	32	30	14	**4.26**	4	**17.68**	20	23.54
5800	62	23	15	0	**2.54**	3	**25.09**	25	29 19
5830	36	25	24	15	**5.05**	4	**16.27**	21½	24.16
5701	54	21	19	6	**4.02**	3	**12.55**	11	20.61
5805	29	36	35	0	**6.78**	6	**19.00**	20	30.92
5613	39	37	20	4	**3.30**	3¼	**24.27**	23	28.11
5774	22	30	32	16	**4.80**	4	**19.42**	20	24.56
5621	32	29	25	14	**3.82**	4	**20.47**	47	24.32
5822	36	26	25	13	**3.92**	4	**21.04**	30	25.33
6057	53	28	19	0	**3.97**	3	**21.29**	40	28.50
5978	52	31	17	0	**5.58**	4	**19.25**	48	30.92
5982	26	25	29	20	**5.02**	4	**22.01**	22	26.86
5912	45	30	15	10	**3.34**	3	**17.20**	14	22.35
6064	34	42	19	5	**4.27**	4	**21.98**	45	28.05
5920	32	24	25	19	**5.07**	4	**21.90**	50	27.64
6055	13	37	30	20	**4.88**	5.29	**16.89**	20.38	22.14
6049	36	15	41	8	**5.06**	4	**23.71**	22.00	29.67
5973	27	27	27	19	**5.14**	4½	**21.41**	45	26.91
5969	30	23	27	20	**4.94**	4½	**21.55**	45	26.74
5970	47	32	14	7	**3.04**	3	**17.19**	17	22.00
6035	42	27	31	0	**5.31**	4	**21.60**	20	30.72

SUPPLEMENTARY LIST OF LICENSED FERTILIZERS FOR THE YEAR 1899.

ALEXANDRIA FERTILIZER AND CHEMICAL CO., ALEXANDRIA, VA.

Alkaline Bone.
Ammoniated Dissolved Bone.
Dissolved S. C. Rock.
Pure Raw Bone Meal.

A. ANDERSON & CO., MT. AIRY, MD.

Harvest Queen Guano.

BALTIMORE GUANO CO., BALTIMORE, MD.

B. G. Ammoniated Bone.
Baltimore W. G. Special.
Farmers' Alkaline Bone.
Fish Guano.
Game Guano.
Salvador Guano.

BALTIMORE SEED AND IMPLEMENT CO., BALTO, MD.

Ammoniated Soluble Bone.
High Grade Acid.
Special Potato.
Standard Bone.

BAUGH & SONS CO., BALTIMORE, MD.

Animal Bone and Potash Compound.
Bone Meal, warranted pure.
Dissolved Animal Bone.
Double Eagle Phosphate.
Export Bone, with Potash.
Fish Mixture.
General Crop Grower.
High-Grade Acid Phos. or Dis. S. C. Rock.
High-Grade Tobacco and Truck Fertilizer.
Potato Fertilizer.
Tomato Compound.
Wheat Fertilizer.

BECK, WALKER & BROWN, CHESTERTOWN, MD.

Corn Super-Phosphate.
Tomato Super-Phosphate.
Propagator Super-Phosphate.
Try Me Super-Phosphate.

B. A. BETTS, CHEWSVILLE, MD.

Joseph Lister's Pure Bone Meal.

WM. BENDER, JERSEY CITY, N. J.

"Bone."

D. BLOCHER & CO., GETTYSBURG, PA.

Alkaline Bone.
High-Grade Super-Phosphate.
South Carolina.

T. M. BRAMBLE & CO., CAMBRIDGE, MD.

Pea Grower.
Special Tomato Fertilizer.

JOS. S. BULLOCK, BALTIMORE, MD.

Dissolved Pure Raw Bone.
Pure Raw Bone.

JOHN BURGOON, UNION MILLS, MD.

Burgoon's XX Ammoniated Bone Phosphate.

CHEMICAL CO. OF CANTON, BALTIMORE, MD.

Baker's Fish Guano.
Baker's Special Wheat, Corn and Grass Mixture.
Baker's Standard Ground Bone.
Baker's Standard High-Grade Bone.
Berry and Truck Guano.
C. C. C. Special Potash Manure.
Dissolved Animal Bone.
Patrons Bone Mixture.
Potato Manure.
Soluble Bone and Potash.

HENRY COPE & CO., LINCOLN UNIVERSITY, PA.

Ammoniated Bone Phosphate.
Queen of Elk Valley Phosphate.

J. A. CRANSTON & CO.

Horseshoe Soluble Bone and Potash.
W. B. Raw Bone Super-Phosphate.

CROCKER FERTILIZING CO., BUFFALO, N. Y.

New Rival Ammoniated Super-Phosphate.
Potato, Hop and Tobacco Phosphate.
Practical Ammoniated Super-Phosphate.

WM. DAVISON & CO., BALTIMORE, MD.

"Boss" Ammoniated Super-Phosphate.
High-Grade Ammoniated Super-Phosphate.
Pen-Mar Ammoniated Bone Phosphate.

E. E. DeLASHMUTT, FREDERICK, MD.

DeLashmutt's Fish and Bone Mixture.

L. E. P. DENNIS & SON, CRISFIELD, MD.

Fish and Potash Mixture, No. 1.
Fish and Potash Mixture, No. 2.
Truck and Tomato Mixture.

DETRICK FERTILIZER AND CHEMICAL CO., BALTO., MD.

Excelsior Compound.
Robinson's Special Compound.
Special Potato Fertilizer.

J. W. DORSEY, ELLICOTT CITY, MD.

Ammoniated Phosphate.
Stag Potato Phosphate.

DAVID ENGLAR, JR., MEDFORD, MD.

No. 3 Bone Phosphate.

EUREKA FERTILIZER CO., PERRYVILLE, MD.

Alkaline Bone and Potash.
Corn and Potato Special.
Dissolved Bone.
Farmers' Favorite Bone Phosphate.
Fish, Rock and Potash.
Ground Raw Bone.
Imperial Bone Phosphate.
Potato and Vegetable Fertilizer.
P. and P. Super-Phosphate.

WASH. EWING FERTILIZER WORKS, LANDENBURG, PA.

Eclipse Raw Bone Phosphate.
Pure Raw Bone.

FARMERS AND PLANTERS' CO., SALISBURY, MD.

Farmers and Planters' Special Fish Mixture.
Farmers and Planters and Truckers' Mixture.
Farmers and Planters' Fish Mixture.

WM. R. GRIFFITH, BALTIMORE, MD.

Slaughter-House (G.) Phosphate.
Try It (G.) Phosphate.

GRIFFITH & BOYD, BALTIMORE, MD.

Ammoniated Bone Phosphate.
Ammoniated Soluble Bone.
Bone Meal.
Cereal Bone Plant Food.
High-Grade Acid Phosphate.
Peerless Fertilizer.
Pure Dissolved Animal Bone.
Soft Ground Bone.
Spring Crop Growers.
Stable Manure Substitute.
Tobacco Grower.
Valley Fertilizer.

THE HOME FERTILIZER CHEMICAL WORKS, BALTIMORE, MD.

Cerealite Top Dressing.

HUBBARD & CO., BALTIMORE, MD.

Columbia Gem Phosphate.
Farmers' I. X. L. Super-Phosphate.
High-Grade S. C. Phosphate.
Oriental Phosphate.
Pure Dissolved Raw Bone.
Soluble Bone and Potash.
Standard Bone Super-Phosphate.
Wheat Growers' Jewel.

I. R. HUBBARD & SON, CHESTERTOWN, MD.

Our Peerless Fertilizer.
Our Victor.
Special Mixture.

M. P. HUBBARD & CO., BALTIMORE, MD.

Celebrated Dissolved Bone Phosphate.
Excelsior Bone Phosphate.
Farmers' Acme.
Harvest King.
Havana Special.
Old Economy.

C. M. KEEDY, KEEDYSVILLE, MD.

Money-Saving Phosphate.

L. KELLUM & CO., BALTIMORE, MD.

A No. 1 Bone Phosphate.

S. L. LAMBERT, BALTIMORE, MD.

S. L. Lahmbert Co's Boss Fertilizer.
S. L. Lamebrt Co's Favorite Fertilizer.

W. E. LINN, LAUREL, MD.

Creamatory Phosphate.

MAPE'S FORMULA AND PERUVIAN GUANO CO., NEW YORK.

Complete Manure, "A" Brand.
Potato Manure.
Vegetable Manure, or Complete Manure for Light Soils.

F. MAYNARD, BALTIMORE, MD.

High-Grade Maynard's Choice.
High-Grade Truckers' Pride.
Special Vegetator.

MILLER FERTILIZER CO., BALTIMORE, MD.

Clinch Phosphate.
Dissolved Raw Bone.
Ground Bone.
Harvest Queen Phosphate.
No. 1 Potato Fertilizer.
Potato Fertilizer.
Special Tomato Grower.
Standard Phosphate.
W. G. Phosphate.

NICKERSON FERTILIZER CO., EASTON, MD.

Advance Guano.
S. C. Phosphate.
S. C. Phosphate and Potash.
Truck Guano.

G. OBER & SONS CO., BALTIMORE, MD.

Avondale Ammoniated Dissolved Bone.
Dissolved Animal Bone.
Dissolved Bone Phosphate.
Dissolved Bone Phosphate and Potash.
Farmers' Mixture.
Farmers' Standard Ammoniated Phos.
Fish and Potash Fertilizer.

Fish, Bone and Potash Mixture.
Pure Bone Meal.
Special Compound for Tobacco.
Special Plant Food.

PACIFIC GUANO CO., NEW YORK.

Dissolved Bone and Potash.
Dissolved Bone Phosphate of Lime.
Nobsque Guano.

PACKERS' UNION FERTILIZER CO., NEW YORK.

American Wheat Grower.

O. H. PEARRE, UNION BRIDGE, MD.

Farmers' Choice.
No. 1.
Pride of Union Bridge.

PIEDMONT-MT. AIRY GUANO CO., BALTIMORE, MD.

Mt. Airy Truck Fertilizer for Tomatoes.
Piedmont Bone Meal.

R. H. POLLOCK, BALTIMORE, MD.

Ammoniated Bone Phosphate.
Dissolved Animal Bone.
Dissolved S. C. Bone.
Ground Animal Bone.
Owl Brand Guano.
Soft Ground Bone.
Special Potato and Tobacco Fertilizer.
Special Wheat Grower.
Superior Corn and Tomato Fertilizer.
Victor Bone Phosphate.

RAMSBURG FERTILIZER CO., FREDERICK, MD.

Alkaline Phosphate.
Ammoniated Bone Phosphate.
Corn and Potato Fertilizer.
Dissolved Animal Bone.
Dissolved Bone Super-Phosphate.
Excelsior Plant Food.
Old Virginia Compound.
Raw Bone.

HENRY RECORD M'F'G CO., BELAIR, MD.

Animal Bone Phosphate.
Fine Ground Bone.
Raw Bone.
Special Compound.

REDDEN, PARDDEE & CO., POCOMOKE CITY, MD.

Special Potato Guano.
7 Per Cent. Potato Guano.

W. G. RINEHART, WESTMINSTER, MD.

No. 2.
No. 3.

ISAAC ROBINSON, BALTIMORE, MD.

Penna. Special Mixture.
Peerless Phosphate.
Pure Dissolved Raw Bone Phosphate.
Pure Raw Bone.
Special Corn and Oats Phosphate.
Special Potato and Tomato Phosphate.
Standard Dissolved Bone Phosphate.

W. E. ROBINSON, VALE, MD.

Potato Manure.
Tomato Grower.
Vegetable Fertilizer.

SCOTT FERTILIZER CO., ELKTON, MD.

Elk Head Super-Phosphate.
Potato Fertilizer, No. 2.
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